FIGURE 1

SEQ ID NO:1

```
  1  MKTFTWTLGV LFFLLVDTGH CRGGQFKIKK INQRRYPRAT DGKEEAKKCA YTFLVPEQRI
 61  TGPICVNTKG QDASTIKDMI TRMDLENLKD VLSRQKREID VLQLVVDVDG NIVNEVKLLR
121  KESRNMNSRV TQLYMQLLHE IIRKRDNSLE LSQLENKILN VTTEMLKMAT RYRELEVKYA
181  SLTDLVNNQS VMITLLEEQC LRIFSRQDTH VSPPLVQVVP QHIPNSQQYT PGLLGGNEIQ
241  RDPGYPRDLM PPPDLATSPT KSPFKIPPVT FINEGPFKDC QQAKEAGHSV SGIYMIKPEN
301  SNGPMQLWCE NSLDPGGWTV IQKRTDGSVN FFRNWENYKK GFGNIDGEYW LGLENIYMLS
361  NQDNYKLLIE LEDWSDKKVY AEYSSFRLEP ESEFYRLRLG TYQGNAGDSM MWHNGKQFTT
421  LDRDKDMYAG NCAHFHKGGW WYNACAHSNL NGVWYRGGHY RSKHQDGIFW AEYRGGSYSL
481  RAVQMMIKPI D
```

SEQ ID NO:2

```
  1  GQFKIKKINQ RRYPRATDGK EEAKKCAYTF LVPEQRITGP ICVNTKGQDA STIKDMITRM
 61  DLENLKDVLS RQKREIDVLQ LVVDVDGNIV NEVKLLRKES RNMNSRVTQL YMQLLHEIIR
121  KRDNSLELSQ LENKILNVTT EMLKMATRYR ELEVKYASLT DLVNNQSVMI TLLEEQCLRI
181  FSRQDTHVSP PLVQVVPQHI PNSQQYTPGL LGGNEIQRDP GYPRDLMPPP DLATSPTKSP
241  FKIPPVTFIN EGPFKDCQQA KEAGHSVSGI YMIKPENSNG PMQLWCENSL DPGGWTVIQK
301  RTDGSVNFFR NWENYKKGFG NIDGEYWLGL ENIYMLSNQD NYKLLIELED WSDKKVYAEY
361  SSFRLEPESE FYRLRLGTYQ GNAGDSMMWH NGKQFTTLDR DKDMYAGNCA HFHKGGWWYN
421  ACAHSNLNGV WYRGGHYRSK HQDGIFWAEY RGGSYSLRAV QMMIKPID
```

SEQ ID NO:3

```
  1  GQFKIKKINQ RRYPRATDGK EEAKKCAYTF LVPEQRITGP ICVNTKGQDA STIKDMITRM
 61  DLENLKDVLS RQKR
```

SEQ ID NO:4

```
  1  CAYTFLVPEQ RITGPICVNT KGQDASTIKD MITRMDLEN LKDVLSRQKR
```

SEQ ID NO:5

```
  1  GQFKIKKINQ RRYPRATDGK EEAKKCAYTF LVPEQRITGP ICVNTKGQDA STIKDMITRM
 61  DLENLKDVLS RQKREIDVLQ LVVDVDGNIV NEVKLLRK
```

SEQ ID NO:6

```
  1  CAYTFLVPEQ RITGPICVNT KGQDASTIKD MITRMDLENL KDVLSRQKRE IDVLQLVVDV
 61  DGNIVNEVKL LRK
```

SEQ ID NO:7

```
  1  CAYTFLVPEQ RITGPICVNT K
```

FIGURE 2

CLUSTAL W (1.82) multiple sequence alignment

SEQ ID NO:5   ------------------GQFK--------IKKINQRRYP---RATDGKEEAKK<u>CAYTFLV</u>
Q9JJ03   MRPLCMTYWWLGLLATVGAVTGPEADVEGAEDGSQREYIYLNRYKRAGESPDKCTYTFIV
                            * ..   :. .**.*   * . *...**;***;*

SEQ ID NO:5   <u>PEQRITGPICVNTKGQDASTIKDMITRMDLENLKDVLSRQKREIDVLQLVVDVDGNIVNE</u>
Q9JJ03   PQQRVTGAICVNSK-EPEVHLENRVHQELELLNNELLKQKRQIETLQQLVEVDGGIVSE
               *;**;**.****;* :   ::: : : :** *:: * :***;*:.** :*;***.**.*

SEQ ID NO:5   <u>VKLLRK</u>
Q9JJ03   VKLVRK
               ***:**